

Fig. 1

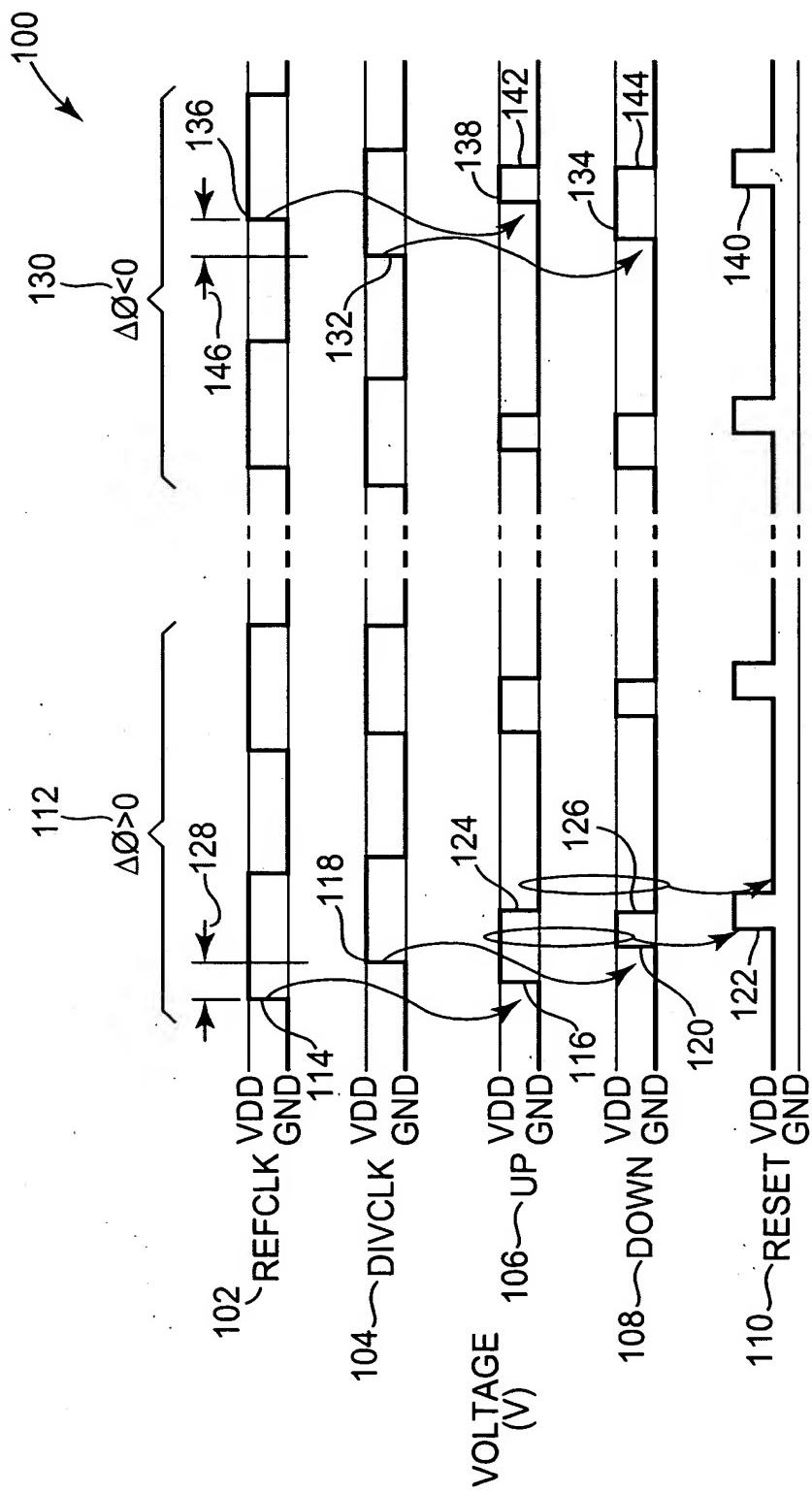
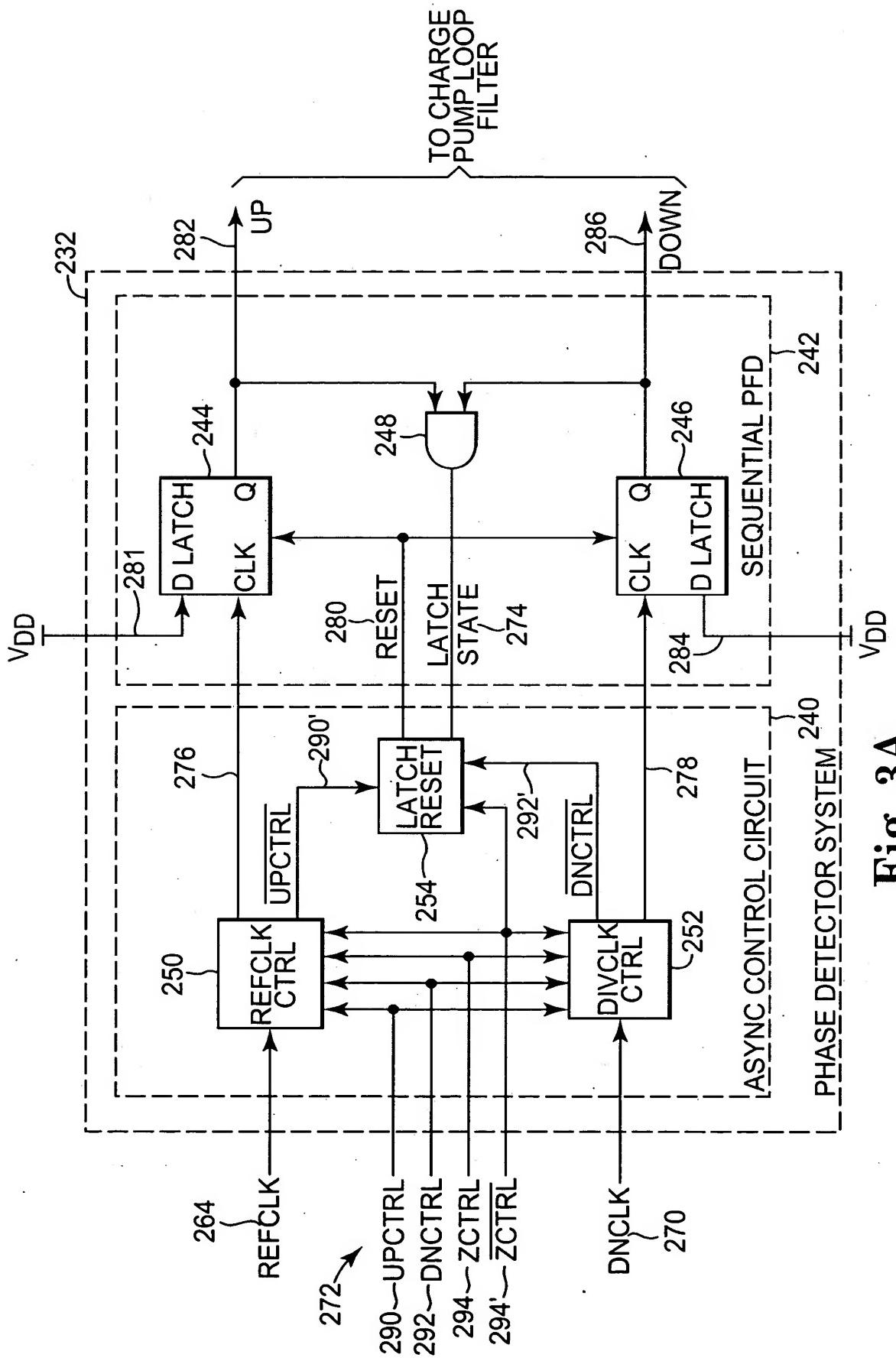


Fig. 2



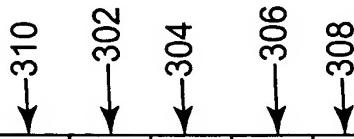
TRUTH TABLE

REFCLK 264	DIVCLK 270	ZCTRL 294	UPCTRL 290	DNCTRL 292	UP 282	DOWN 286
—	—	0	0	0	0	NORMAL OPERATION
DON'T CARE	DON'T CARE	1	DON'T CARE	DON'T CARE	0	0
DON'T CARE	DON'T CARE	0	1	0	1	0
DON'T CARE	DON'T CARE	0	0	1	0	1
DON'T CARE	DON'T CARE	0	1	0	1	1
DON'T CARE	DON'T CARE	1	1	1	1	1

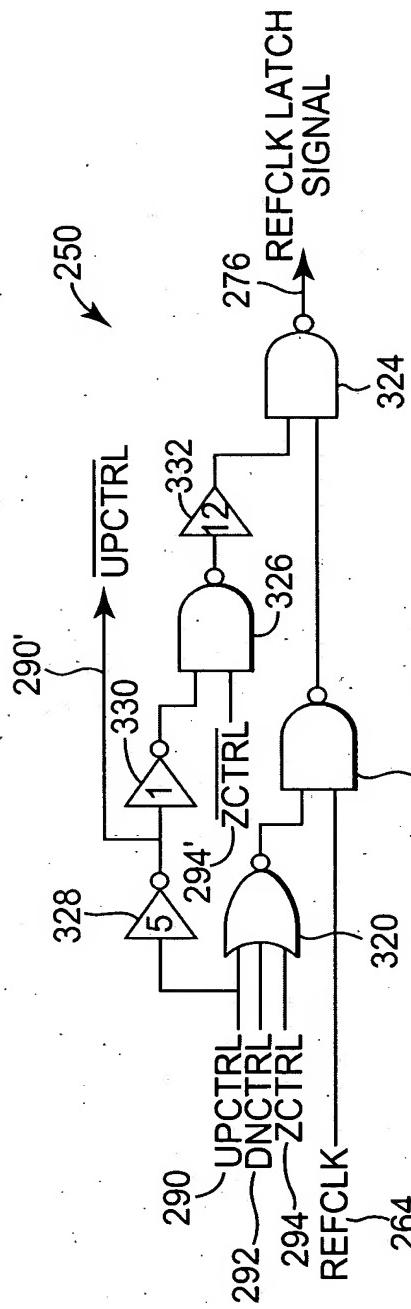
300



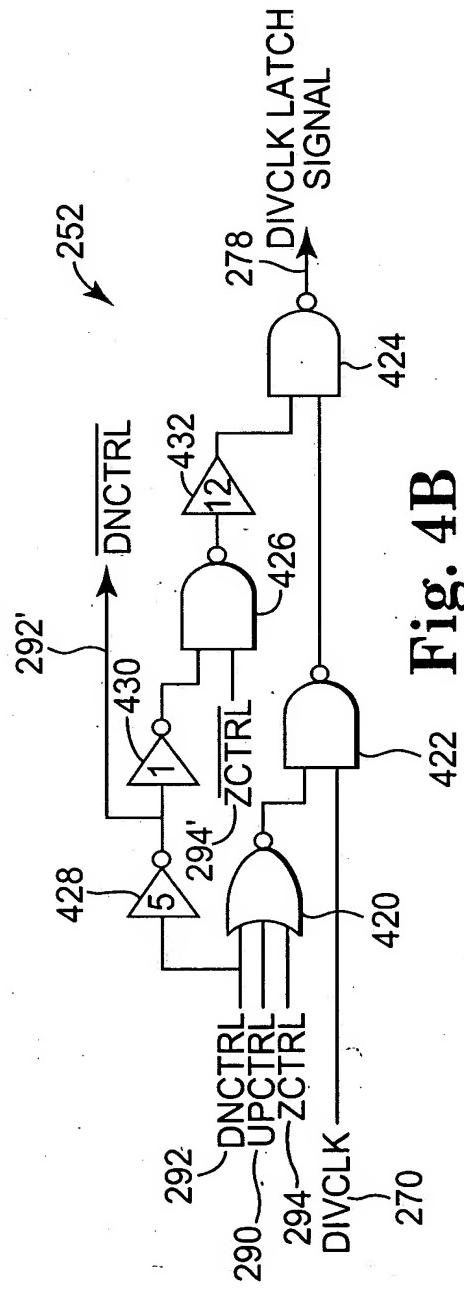
310  
302  
304  
306  
308



**Fig. 3B**



**Fig. 4A**



**Fig. 4B**

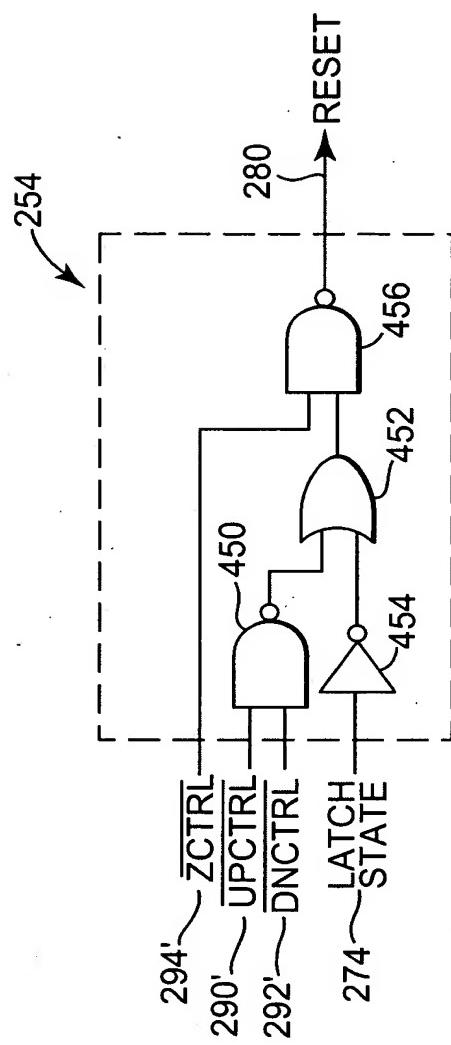


Fig. 4C